THE AMERICAN JOURNAL OF CHINESE MEDICINE
2001, Vol. 29, No. 1, pp. 1–186

CONTENTS

Qi and Related Studies

Masanori Fukushima, Takuji Kataoka, Chikuma Hamada and Mippo Matsumoto
Evidence of Qi-gong Energy and its Biological Effect on the Enhancement of the Phagocytic Activity of Human Polymorphonuclear Leukocytes 1
Myeong Soo Lee, Hwa Jeong Huh, Hye-Sook Jang, Chang Sub Han, Hoon Ryu and Hun-Taeg Chung
Effects of Emitted Qi on *In Vitro* Natural Killer Cell Cytotoxic Activity 17
Hyung Rae Kim, Soo Yong Kim, Dai Jin Kim, Young Youn Kim, Sang Kyu Park, Jeong Ho Chae, Kwang Soo Kim, Kun Ho Lee and Seung Heun Lee
Spatio-temporal Pattern of EEG in Young *Brain Respiration*-training Children 23
Yoichi Kanakura, Kunio Kometani, Tetsurou Nagata, Kuniaki Niwa, Hiroshi Kamatsuki, Yasutaka Shinzato and Yasumoto Tokunaga
Moxibustion Treatment of Breech Presentation 37
Tommy Boone, Michelle Tanner and Angela Radosevich
Effects of a 10-Minute Back Rub on Cardiovascular Responses in Healthy Subjects 47
Masashi Takeichi, Takeshi Sato, Masasuke Takefu, Masahito Shigematsu, Hiroko Shimohira and Takeshi Katsuki
Studies on the Psychosomatic Functioning of Ill-health According to Eastern and Western Medicine
5. Psychosomatic Characteristics of Anxiety and Anxiety-Affinitive Constitution 53

Medicinal Plants Research

Ji An Wu, Anoja S. Attele, Liu Zhang and Chun-Su Yuan
Anti-HIV Activity of Medicinal Herbs: Usage and Potential Development 69
Hirozo Goto, Qiao Yang,Toshiaki Kita, Hiroaki Hikiami, Yutaka Shimada and Katsutoshi Terasawa
Effects of Choto-san on Microcirculation, Serum Nitric Oxide and Lipid Peroxides in Patients with Asymptomatic Cerebral Infarction 83
Wen-Chuan Lin, Yueh-Wern Wu, Tung-Yuan Lai and Ming-Cheng Liau
Effect of CDA-II, Urinary Preparation, on Lipofuscin, Lipid Peroxidation and Antioxidant Systems in Young and Middle-Aged Rat Brain 91
Heung Mook Shin
Anti-oxidative Herbs and Indomethacin-Induced Rat Gastric Mucosal Lesions: Protection by *GamiHyangsa-Yukgunja* 101
Mohammad Alhakam Tulimat, Tadashi Ishiguchi, Susumu Kurosawa, Takashi Nakamura and Toku Takahashi
The Inhibitory Effect of Herbal Medicine -Dai Kenchu To (DKT)- on the Colonic Motility in Rats *In Vitro* 111
Hiroshi Nagasawa, Erika Yada, Yoko Udagawa and Hideo Inatomi
Effects of Coffee Cherry, the Residue Left after Removal of the Beans from the Coffee Fruit, on Mammary Glands, Automatic Behavior and Related Parameters in Mice 119
Lee Ho-sub, Park Kwan-Ha, Kwon Kang-Beom, Mun Byeong-Sun, Song Cheol-Min, Song Yong-Seon, Seo Eun-A, Kim Young-suk, Kim Kang-Jeon, and Ryu Do-Gon
Anti-allergic Activity of the Sophorae Radix Water Extract in Experimental Animals 129
Yasunori Nagaki, Seiji Hayasaka, Chiharu Kadoi, Masayuki Matsumoto, Nobuo Nakamura and Yoriko Hayasaka
Effects of Orengedoku-to and Senkanmeimoku-to, Traditional Herbal Medicines, on the Experimental Elevation of Aqueous Flare in Pigmented Rabbits 141
J.C. Yang, C.S. Pang, S.F. Tsang and K.F. Ng
Effect of American Ginseng Extract (Panax quinquefolius) on Formalin-Induced Nociception in Mice 149
Jung-Chou Chen, Leih-Der Chen, Wei Tsauer, Chin Chuan Tsai, Bih-Chern Chen and Ying-Jeng Chen
Effects of Ginsenoside Rb2 and Rc on Inferior Human Sperm Motility *In Vitro* 155
Lii-Tzu Wu, Jing-Gung Chung, Jung-Chou Chen and Wei Tsauer
Effect of Norcantharidin on N-acetyltransferase Activity in HepG2 Cells 161
Yutaka Shimada, Hirozo Goto, Toshiaki Kogure, Naotoshi Shibahara, Iwao Sakakibara, Hiroshi Sasaki and Katsutoshi Terasawa
Protective Effect of Phenolic Compounds Isolated from the Hooks and Stems of *Uncaria sinensis* on Glutamate-Induced Neuronal Death 173

Letter to the Editor 181

Book Review 185

A publication of
The Institute for Advanced Research in Asian Science and Medicine
A WHO Collaborating Center

THE AMERICAN JOURNAL OF CHINESE MEDICINE
2001, Vol. 29, No. 2, pp. 187–375

CONTENTS

Acupuncture, Moxibustion and Qi Studies

Young-Bae Kwon, Ji-Hoon Kim, Jung-Hee Yoon, Jae-Dong Lee, Ho-Jae Han, Woung-Chon Mar, Ivin J. Beitz and Jang-Hern Lee
The Analgesic Efficacy of Bee Venom Acupuncture for Knee Osteoarthritis: A Comparative Study with Needle Acupuncture 187
Francisco Abad-Alegría, Carlos Pomarón, Cristina Aznar, Cristina Muñoz and Sonia Adelantado
Objective Assessment of the Sympatholytic Action of the *Nei-Kuan* Acupoint 201
Chang Hyun Lee, Han Sol Jung, Tae Young Lee, Sang Ryoung Lee, Sang Won Yuk, Kwang Gyu Lee and Bong Hee Lee
Studies of the Central Neural Pathways to the Stomach and Zusanli (ST36) 211
Hsu-Jan Liu, Sheng-Feng Hsu, Chang-Chi Hsieh, Tin-Yun Ho, Ching-Liang Hsieh, Chin-Chuan Tsai and Jaung-Geng Lin
The Effectiveness of Tsu-San-Li (St-36) and Tai-Chung (Li-3) Acupoints for Treatment of Acute Liver Damage in Rats 221
Hitoshi Yamashita, Yoshitoshi Ichiman and Yasuo Tanno
Changes in Peripheral Lymphocyte Subpopulations After Direct Moxibustion 227
Myeong Soo Lee, Kyung-Hee Yang, Hwa Jeong Huh, Hyun Wook Kim, Hoon Ryu, Ho-Sub Lee and Hun-Taeg Chung
Qi Therapy as an Intervention to Reduce Chronic Pain and to Enhance Mood in Elderly Subjects: A Pilot Study 237
Masashi Takeichi, Takeshi Sato and Masasuke Takefu
Studies on the Psychosomatic Functioning of Ill-Health According to Eastern and Western Medicine 6. Psychosomatic Characteristics of Anxiety and Depression 247

Medicinal Plants Research

Younjung Kim, Minchul Shin, Jooho Chung, Eehwa Kim, Gyosung Koo, Choongyeol Lee and Changju Kim
Modulation of *Chelidonii herba* on GABA Activated Chloride Current in Rat PAG Neurons 265
Shun-Sheng Chen, Dean-Chuan Wang, Tsan-Ju Chen and Shu-Ling Yang
Administration of Chinese Herbal Medicines Facilitates the Locomotor Activity in Dystrophin-Deficient Mice 281
Tae Yong Shin, Jin Hee Won, Hyung Min Kim and Sand Hyun Kim
Effect of *Alpinia oxyphylla* Fruit Extract on Compound 48/80-induced Anaphylactic Reactions 293
Jung-San Chang, Lien-Chai Chiang, Chi-Chain Chen, Li-Teh Liu, Kuo-Chih Wang and Chun-Ching Lin
Antileukemic Activity of *Bidens pilosa* L. *var. minor* (Blume) Sherff and *Houttuynia cordata* Thunb. 303
Won-Gil Seo, Hyun-Ock Pae, Gi-Su Oh, Kyu-Yun Chai, Young-Gab Yun, Hun-Taeg Chung, Kyu Kwan Jang and Tae-Oh Kwon
Ethyl Acetate Extract of the Stem Bark of *Cudrania Tricuspidata* Induces Apoptosis in Human Leukemia HL-60 Cells 313
Jing-Pin Lin, Yuh-Ching Li, Weng-Chuan Lin, Ching-Liang Hsieh and Jing-Gung Chung
Effects of (-)-Menthol on Arylamine N-Acetyltransferase Activity in Human Liver Tumor Cells 321
Ching-Liang Hsieh, Su-Yin Chiang, Ken-Sheng Cheng, Yu-Hsien Lin, Nou-Ying Tang, Chia-Jung Lee, Chu-Zong Pon and Ching-Tou Hsieh
Anticonvulsive and Free Radical Scavenging Activities of *Gastrodia elata* Bl. in Kainic Acid-Treated Rats 331
Mi-Kyung Lee, Soo-Yeul Cho, Joo-Yeun Jang, Myung-Sook Choi, Seon-Min Jeon, Moon Kyoo Jang, Myung-Joo Kim and Yong Bok Park
Effects of Puerariae Flos and Puerariae Radix Extracts on Antioxidant Enzymes in Ethanol-Treated Rats 343
Su Mee Joe, In Seon Lee, Yong Tae Lee, Jun Hyuk Lee and Byung Tae Choi
Suppression of Collagen-Induced Arthritis in Rats by Continuous Administration of Dae-Bang-Poong-Tang (Da-Fang-Feng-Tang) 355
Ningyuan Wang, Shinya Minatoguchi, Yoshihiro Uno, Masazumi Arai, Kazuaki Hashimoto, Yasuko Hashimoto, Kazushige Yamaguchi, Kazunori Fukuda, Seigo Akao and Hisayoshi Fujiwara
Treatment with Sheng-Mai-San Reduces Myocardial Infarct Size Through Activation of Protein Kinase C and Opening of Mitochondrial KATP Channel 367

A publication of
The Institute for Advanced Research in Asian Science and Medicine
A WHO Collaborating Center